

TITLE

ALPHA-METHYLENE LACTONE HOMOPOLYMER AND COPOLYMER
COMPOSITIONS, SHEETS AND ARTICLES MADE THEREFROM AND
5 THE PROCESS FOR THEIR MANUFACTURE

ABSTRACT

Compositions comprising homopolymers or copolymers containing
repeat units derived from α -methylenelact(ones)(ams) such as
10 α -methylenebutylolactones and an inorganic filler such as alumina
trihydrate are described. The decorative sheets and articles made from
these compositions may have one or more of higher thermal resistance,
higher hardness, higher scratch and mar resistance, faster polymerization
rates, antimicrobial properties, lower coefficient of thermal expansion and,
15 owing to a higher refractive index, a higher transparency.

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